

FEATURES

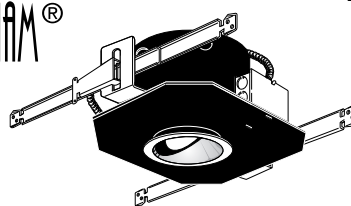
- Rolled steel housing finished in black polyester paint, mounted to die-formed pan with die-cast aluminum frame. Maximum 7/8" ceiling thickness.
- Expandable, self-locking mounting bars provide horizontal and vertical adjustment.
- Medium base porcelain socket with nickel-plated screw shell.
- Lamp mounting bracket rotates 355° and tilts 45° with positive-locking capability.
- Galvanized steel junction box with thermally-activated insulation detector, bottom-hinged access covers and spring latches. One 1/2" knockout and three combination 1/2"-3/4" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors, rated for 75°C.
- Specular Alzak* tapered cut cone optically designed for low brightness at high aiming angles of 15°-45°, while shielding direct view into fixture. For 0°-15° aiming angles, order optional straight cut cones. Minimum flange matches cone finish. White painted flange optional.
- Fixtures are UL listed for thru-branch wiring, recessed mounting and damp locations. CSA certification for shipment to Canada.

*Alzak is a registered trademark of ALCOA.

Type

Catalog number

GOTHAM®

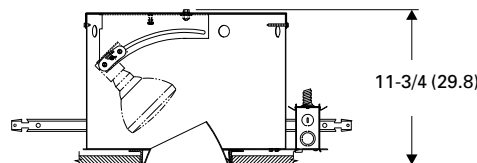


Incandescent Downlights

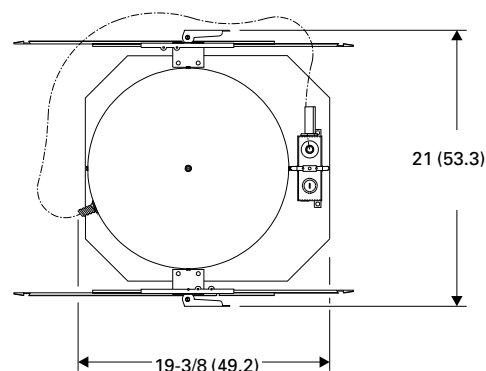
6" D

Adjustable Accent

Directional
PAR38 Lamp



Aperture: 6-5/16 (16.0)
Ceiling opening: 6-7/8 (17.5)
Overlap trim: 7-3/8 (18.7)



All dimensions are inches (centimeters).

ORDERING INFORMATION

Example: **D 6ACT**

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line.
Order accessories as separate catalog numbers (shipped separately).

D			
Series	Cone finish	Cone type	Options
D	6AC Clear 6BC Black 6CC Champagne gold 6GC Gold 6PC Pewter 6MB Black baffle (not available with tapered cut cone)	T Tapered cut cone (blank) Straight cut cone, for angles 0°-15°	TRW White painted flange. (Standard on 6MB.) SDT 277V stepdown transformer (277V to 120V.) Add 4" to width of fixture. SDT347 347V stepdown transformer (347V to 120V.) Add 4" to width of fixture. SSC Provides compatibility with Lithonia Reloc System 820. System 820 can be installed less this option with connectors provided by others.

Notes:

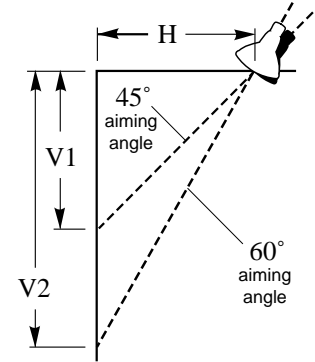
1. Maximum wattage: 150W PAR38 lamp; Q250W PAR38 lamp.

6" D Adjustable Accent, Gotham Series

LAMP PERFORMANCE DATA

All data was calculated from each lamp manufacturer's published data and is subject to normal lamp variations. Maximum footcandle is usually at the aiming point, but not always on wider spread lamps. Beam width is calculated aimed straight at a flat surface (0° aiming angle). Lighted area will elongate vertically at aiming angles other than 0°. Lamp data supplied by manufacturers is approximate and individual lamp performance may vary.

Lamp order number	Mfr	Beam width (°) to 50% MBCP	Main beam cp.	H=2' (lamp 2' from lighted surface)			H=4' (lamp 4' from lighted surface)		
				Beam width (ft)	fc@45° V1=2'	fc@60° V2=4'	Beam width (ft)	fc@45° V1=4'	fc@60° V2=7'
45PAR38/NSP/H	GE	11	8400	0.4	743	263	0.7	186	66
45PAR38/CAP/NSP	SYL	9	11500	0.3	1018	359	0.6	254	90
45PAR38/CAP/SP	PHL	12	4300	0.4	381	134	0.8	95	34
45PAR38/SP/H	GE	13	6000	0.5	531	188	0.9	133	47
45PAR38/CAP/SP	SYL	15	4500	0.5	398	141	1.0	99	35
45PAR38/CAP/FL	PHL	28	1800	1.0	159	56	2.0	40	14
45PAR38/FL/H	GE	32	1600	1.2	142	50	2.3	35	12
45PAR38/CAP/FL	SYL	32	1800	1.2	159	55	2.3	40	14
45PAR38/CAP/WFL	SYL	55	1200	1.7	106	35	4.1	27	9
55PAR38/SP	PHL	12	2900	0.4	257	91	0.8	64	23
55PAR38/FL	PHL	20	1300	0.7	115	41	1.4	29	10
60PAR38/SP/HR	GE	13	13000	0.5	1151	406	0.9	287	101
60PAR38/H/SP	PHL	12	13500	0.4	1195	422	0.8	298	105
60PAR38/H/FL	PHL	28	3500	1.0	310	109	2.0	77	27
60PAR38/FL/HR	GE	32	3200	1.2	283	100	2.3	75	25
65PAR38/SP/WM	GE	11	5665	0.4	501	177	0.8	125	44
65PAR38/SP	PHL	12	5300	0.4	469	166	0.8	117	41
65PAR38/FL	PHL	20	2200	0.7	195	69	1.4	49	17
65PAR38/FL/WM	GE	28	1695	1.0	150	53	2.0	37	13
90PAR38/CAP/NSP	SYL	9	22500	0.3	1991	703	0.6	497	176
90PAR38/NSP/H	GE	12	15900	0.4	1407	497	0.8	351	124
90PAR38/CAP/SP	PHL	12	10500	0.4	929	328	0.8	232	82
90PAR38/SP/H	GE	13	14000	0.5	1239	438	0.9	309	109
90PAR38/CAP/SP	SYL	15	11500	0.5	1018	359	1.0	254	90
90PAR38/CAP/2SP	SYL	15	11500	0.4	1018	359	1.0	254	90
90PAR38/CAP/FL	SYL	30	4000	1.1	354	125	2.1	88	31
90PAR38/CAP/2FL	SYL	30	4000	1.1	354	125	2.1	88	31
90PAR38/FL/H	GE	32	4300	1.2	301	106	2.3	75	27
100PAR38/SP/HR	GE	13	25000	0.4	2213	781	0.9	553	195
100PAR38/FL/HR	GE	32	5000	1.2	443	156	2.3	111	39
120PAR38/SP	PHL	28	11500	1.0	1018	359	2.0	254	90
120PAR38/FL	PHL	20	4000	0.7	354	125	1.4	88	31
150PAR38/CAP/NSP	SYL	9	37500	0.3	3319	1172	0.6	829	293
150PAR38/CAPSP	SYL	10	25000	0.4	2213	781	0.4	553	195
150PAR38/CAP/FL	SYL	30	7500	1.1	664	234	2.1	166	59
150PAR38/SP	GE&SYL	14	11500	0.5	1018	359	1.0	254	90
150PAR38/FL	GE&SYL	30	4000	1.1	354	125	2.1	88	31
Q250PAR38/SP	GE	10	28000	0.3	2478	875	0.6	619	218
Q250PAR38/FL	GE	35	6500	1.6	575	203	2.5	144	51



Formula for other distances and aiming angles.

$$Fc = \frac{MBCP \times \cos^3(\text{aiming angle})}{H^2 (\text{distance from wall squared})}$$

		Feet out from wall (H)				
Aiming		6	7	8	9	10
angle	Cos ³	Feet down from ceiling (V)				
45°	.354	6	7	8	9	10
50°	.266	7	8	10	11	12
55°	.189	9	10	11	13	14
60°	.125	10	12	14	16	17
65°	.076	13	15	18	19	21
70°	.040	17	19	22	25	28
75°	.017	22	26	30	34	37

Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this catalog sheet are based on the most current available data and are subject to change without notice.

255-D6

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